

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("5808640" "6491377").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:38
L2	1	10/827030	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 14:12
L3	2	"20020135640"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 14:17
L4	3005	347/19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 14:31
S2	26	("5367324" "5808640" "5400063" "20020140772" "20020140779" "20020180839" "20030063161" "5648804" "6398347" "6491377" "6536877" "6543883" "6318828" "6422676").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:33
S3	14	("5367324" "5808640" "5400063" "20020140772" "20020140779" "20020180839" "20030063161" "5648804" "6398347" "6491377" "6536877" "6543883" "6318828" "6422676").pn. and (resistor with (heat\$3 or thermal\$2)) same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 15:27
S4	11	("5367324" "5808640" "5400063" "20020140772" "20020140779" "20020180839" "20030063161" "5648804" "6398347" "6491377" "6536877" "6543883" "6318828" "6422676").pn. and (resistor with (heat\$3 or thermal\$2)) same substrate same (feed\$3 or nozzle\$3 or fir\$3 or eject\$3 or print\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 15:28

## EAST Search History

S5	2	("5367324" "5808640" "5400063" "20020140772" "20020140779" "20020180839" "20030063161" "5648804" "6398347" "6491377" "6536877" "6543883" "6318828" "6422676").pn. and (resistor with (heat\$3 or thermal\$2)) same substrate same (feed\$3 or nozzle\$3 or fir\$3 or eject\$3 or print\$3) same (conductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 15:36
S6	2	"20050231562"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 07:09
S7	2	"20050231562" and (resist\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:09
S8	26	("5367324" "5808640" "5400063" "20020140772" "20020140779" "20020180839" "20030063161" "5648804" "6398347" "6491377" "6536877" "6543883" "6318828" "6422676").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:41
S9	23	S8 and (resist\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 07:10
S10	17	S8 and (resist\$3) and (conduct\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 08:38
S11	5	S8 and (resist\$3) and (conduct\$3) and (switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 09:37

## EAST Search History

S12	1	("6491377" or "5808640").pn. and (FET or transistor or switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 09:41
S13	1	("6491377" or "5808640").pn. and (FET or transistor or switch\$3) and conductor and resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 09:45
S14	1	("6491377" or "5808640").pn. and (FET or transistor or switch\$3) same conductor same resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 09:55
S15	4	("6491377" or "5808640").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 09:55
S16	3	("6491377" or "5808640").pn. and conductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 09:58
S17	3	("6491377" or "5808640").pn. and conduct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:00
S18	3	("6491377" or "5808640").pn. and conduct\$3 same (feed\$3 or print\$3 or nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:01
S19	2	"20050231562" and (resist\$3) and conductor and feed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:09

## EAST Search History

S20	38784	"20050231562" and (resist\$3) conductor same feed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:10
S21	2	"20050231562" and (resist\$3) and conductor same feed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:11
S22	2	"20050231562" and conductor same feed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:23
S23	0	"347"/\$3 and (resistor\$1) with (first and second and third and fourth and fifth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:24
S24	0	"347"/\$3 and (resistor\$1) with (first and second and third and fourth and fifth and sixth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:24
S25	35	"347"/\$3 and (resistor\$1) with (first and second and third and fourth and fifth and sixth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:38
S26	36964	torgerson.in. or benjamin.in. or axtell.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:38
S27	6	("5367324" "5808640" "5400063" "20020140772" "20020140779" "20020180839" "20030063161" "5648804" "6398347" "6491377" "6536877" "6543883" "6318828" "6422676").pn. and conductor same (conduct\$3 and resist\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:44

## EAST Search History

S28	4	("5367324" "5808640" "5400063" "20020140772" "20020140779" "20020180839" "20030063161" "5648804" "6398347" "6491377" "6536877" "6543883" "6318828" "6422676").pn. and conductor same (conduct\$3 and resist\$3 and layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:42
S29	1	("5367324" "5808640" "5400063" "20020140772" "20020140779" "20020180839" "20030063161" "5648804" "6398347" "6491377" "6536877" "6543883" "6318828" "6422676").pn. and conductor same (conduct\$3 near3 layer\$3 and resist\$3 near layer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:47
S30	2	("5367324" "5808640" "5400063" "20020140772" "20020140779" "20020180839" "20030063161" "5648804" "6398347" "6491377" "6536877" "6543883" "6318828" "6422676").pn. and conductor same (conductive and resistive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:47
S31	4	("5808640" "6491377").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:11
S32	1	10/827030	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 13:34
S33	1	10/827030 and (switches same resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 08:16
S34	4862	layer same resistor same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 07:39

## EAST Search History

S35	32	layer same resistor same switch and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 07:39
S36	1	("5808640" "6491377").pn. and resistor same (switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 08:16
S37	2	("5808640" "6491377").pn. and resistor same feed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 08:27
S38	1	10/827030 and (feed same resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 08:25
S39	1	10/827030 and (feed same resistor same opposing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 08:25
S40	2	("5808640" "6491377").pn. and (vaporize or vaporization or vaporiz\$3 or evaporat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:12
S41	2	("5808640" "6491377").pn. and (vaporize or vaporization or vaporiz\$3 or evaporat\$3 or vapor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:31
S42	1	("5808640" "6491377").pn. and (vaporize or vaporization or vaporiz\$3 or evaporat\$3 or vapor) same primitive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:54

## EAST Search History

S43	3	("5808640" "6491377").pn. and (conduct\$3) same isolat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 11:52
S44	2	("5808640" "6491377").pn. and (resistor same chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 12:48
S45	3	("5808640" "6491377").pn. and (resistor same conduct\$3 same current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:39
S46	1	("5808640" "6491377").pn. and (generator same fir\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 13:48
S47	1519	conductor with conductive with resistive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:34
S48	18	conductor with conductive near layer with resistive near layer and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:35
S49	1	("5808640" "6491377").pn. and (current same (switch and conduct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:01
S50	11	"347"/\$3 and (conductor with current same switch with current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:47

## EAST Search History

S51	56	"347"/\$3 and (conductor with feed\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:47
S52	21	"347"/\$3 and (conduct\$3 with current with feed\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:47
S53	2	("5808640" "6491377").pn. and (current same (conduct\$3) same (fluid or feed or ejector or nozzle or head or print\$head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:52
S54	13	"347"/\$3 and (fir\$3 near line) same (energy near3 (signal or puls\$3)) and (energy near3 (signal or puls\$3)) same (nozzle or orifice or (drop with generat\$3) or print\$head or head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:57
S55	241	axtell.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:57
S56	3	("5808640" "6491377").pn. and (puls\$3 or energy or signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:02
S57	2	("20020093551" "20020060722").pn. and (fir\$3 near line) same (signal or puls\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:47
S58	0	("20020093551" "20020060722").pn. and (fir\$3 near line) same (generat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:47

## EAST Search History

S59	0	("20020093551" "20020060722"). pn. and (fir\$3 near line) same (generat\$3 or feed\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:17
S60	0	("20020093551" "20020060722"). pn. and (fir\$3 near line) same (layer\$3 or conduct\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:20
S61	0	("20020093551" "20020060722"). pn. and ( line) same (layer\$3 or conduct\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:20
S62	2	("20020093551" "20020060722"). pn. and ( FIRE) same (layer\$3 or conduct\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:21
S63	3	"347"/\$3 and (fir\$3 near line) with (puls\$3 or signal) and (fir\$3 near line) with (conduct\$3 and layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:31
S64	7	"347"/\$3 and (fir\$3 near line) with (conduct\$3 and layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:32